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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method of document expansion for a speech retrieval document by a recognizer, comprising the steps of:

accessing a database of vectors of automatic transcriptions of documents;

truncating the vectors by removing all terms in the vectors that are not recognized by the recognizer, thereby creating truncated vectors;

changing weights of terms in the truncated vectors to weights associated with the vectors before the vectors were truncated to form the truncated vectors, thereby creating truncated, weighted vectors; and

adding to the truncated, weighted vectors any terms which were not recognized by the recognizer.

- (Original) The method recited in claim 1, further comprising the step of comparing
 from the truncated vectors a retrieval of documents from the original vectors, thereby
 measuring effect of deletions from the original vectors on retrieval accuracy.
- 3. (Original) The method recited in claim 1, further comprising the step of measuring incremental loss in retrieval effectiveness due to insertion of the terms not recognized by the recognizer.
- 4. (Original) The method recited in claim 3, further comprising the step of determining final retrieval effectiveness of the speech retrieval document using automatic transcriptions.

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- 5. (Original) The method recited in claim 4, wherein the accessing step comprises the step of querying the database with the speech retrieval document to retrieve documents that are similar to each other.
- 6. (Original) The method recited in claim 5, wherein the querying step comprises retrieving a predetermined number of documents which are most similar to the speech retrieval document.
- 7. (Original) The method recited in claim 6, wherein the predetermined number is ten.
- 8. (Original) The method recited in claim 6, wherein the truncating step comprises the step of modifying the original vectors according to a weighting function to produce the truncated vectors.
- 9. (Previously Presented) The method recited in claim 8, wherein the weighting function comprises a function of the following form:

$$\vec{D}$$
new = $\alpha \vec{D}$ old + $\frac{\sum_{l=i}^{10} Di}{10}$

where $\vec{D}old$ is an initial document vector, $\vec{D}i$ is a vector for an i-th related document, $\vec{D}new$ is a modified document vector, and α is a value.

- 10. (Currently Amended) A system for document expansion of a speech retrieval document for a recognizer, comprising:
 - a database of vectors of automatic transcriptions of documents; and

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a processor in data communication with the database of vectors for truncating the vectors by removing all terms in the vectors that are not recognized by the recognizer, thereby creating truncated vectors, changing weights of terms in the truncated vectors to weights associated with the vectors before the vectors were truncated to form the truncated vectors, thereby creating truncated, weighted vectors, and adding to the truncated, weighted vectors any terms which were not recognized by the recognizer.

- 11. (Original) The system recited in claim 10, wherein the processor is further operable to compare from the truncated vectors a retrieval of documents from the original vectors, thereby measuring effect of deletions from the original vectors on retrieval accuracy.
- 12. (Original) The system recited in claim 10, wherein the processor is further operable to measure incremental loss in retrieval effectiveness due to insertion of the terms not recognized by the recognizer.
- 13. (Original) The system recited in claim 12, wherein the processor is further operable to determine final retrieval effectiveness of the speech retrieval document using automatic transcriptions.
- 14. (previously presented) The system recited in claim 13, wherein the processor is further adapted to retrieve documents that are similar to each other during querying.
- 15. (Original) The system recited in claim 14, wherein during querying of the database by the processor, a predetermined number of documents are retrieved which are most similar to the speech retrieval document.

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- 16. (Original) The system recited in claim 15, wherein the predetermined number is ten.
- 17. (previously presented) The system recited in claim 15, wherein during truncating the original vectors are modified according to a weighting function to produce the truncated vectors.
- 18. (previously presented) A machine-readable medium having instructions for a processor recorded therein, the machine-readable medium comprising:

instructions for accessing a plurality of vectors of transcriptions of documents; and instructions for removing terms in the vectors that are not recognized by a speech recognizer, thereby creating truncated vectors.

19. (Previously Presented) The machine-readable medium of claim 18, further comprising:

instructions for changing weights of terms in the truncated vectors to weights associated with the vectors before truncation, thereby creating truncated, weighted vectors.

20. (Previously Presented) The machine-readable medium of claim 19, further comprising:

adding to the truncated, weighted vectors terms which are not recognized by the speech recognizer.